

## ABSTRACT OF THE DISCLOSURE

The invention provides a method of decreasing human immunodeficiency virus entry into cells, the method comprising decreasing levels of functional CD63 present with the human immunodeficiency virus and the cells. The invention further provides a method of treating or preventing human immunodeficiency virus infection in a subject, the method comprising administering to the subject an amount of a compound effective to decrease levels of functional CD63 in the cells of the subject.